

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/039861 A3**

(51) International Patent Classification<sup>7</sup>: **B29C 65/00,**  
A61F 5/448

(21) International Application Number:  
**PCT/DK2004/000728**

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
PA 2003 01571 24 October 2003 (24.10.2003) DK

(71) Applicant (for all designated States except US): **COLO-PLAST A/S [DK/DK]; Holtedam 1, DK-3050 Humlebaek (DK).**

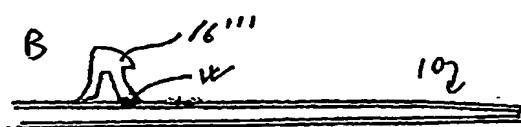
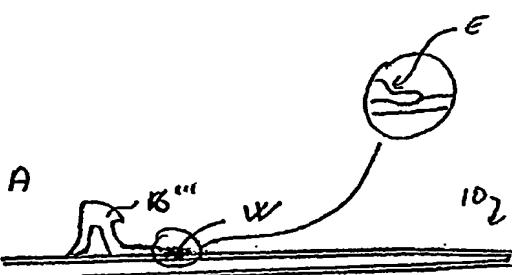
(72) Inventors; and

(75) Inventors/Applicants (for US only): **BAGER, Kim [DK/DK]; Chr. Winthersvej 36C, DK-2800 Lyngby (DK). FINK, Ingrid, Læsøe [DK/DK]; Pilebakken 2, DK-3540 Lyng (DK).**

(74) Agent: **INSPICOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Hørsholm (DK).**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(54) Title: AN OSTOMY MOUNTING WAFER AND A METHOD OF PREPARING IT



AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
2 June 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(57) Abstract: An ostomy body side mounting wafer and a method of preparing the ostomy body side mounting wafer, where the wafer is assembled from two parts using laser welding. The laser light is provided through one of the parts having a low or lower absorption of the laser light. The other part has a higher absorption of the laser light, whereby the interface between the two parts is heated at the welding zone(s) of the laser light. In this manner, an assembly is obtained independently of the thicknesses of the materials and even close to openings or other edges.

WO 2005/039861 A3